

Office of Air Programs  
5600 Fishers Lane, Rockville, Maryland 20852 (301) 443-4080

February 11, 1972

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[REDACTED]  
Central Intelligence Agency  
Washington, D.C. 20505

25X1A

Dear [REDACTED]

As we discussed by telephone on February 8, 1972, I am sending you the names and addresses of several incinerator manufacturers whose product may be capable of complying to Federal emission standards while burning classified plastic wastes. They are:

Midland Ross Corporation  
Surface Combustion Division  
Toledo, Ohio 43601

Environmental Control Products, Inc.  
Post Office Box 15753  
Charlotte, North Carolina 28210

Silent Glow Corporation  
522 Cottage Grove Road  
Bloomfield, Connecticut 06002

The incinerators these manufacturers produce were selected on the following basis:

1. These units, upon test, the emission limitations in Federal regulation (40 CFR 76) while burning a standardized waste similiar to Type 1 waste.
2. These units have solid hearths which would serve to contain the melted plastics.
3. These units have refractory lined stacks. Metal stacks and/or fittings would be subject to corrosion due to the high temperatures and possible corrosive exhaust gases which could be expected.
4. These units have a secondary combustion chamber which would provide sufficiently long combustion residence time.

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This office has observed test which were conducted while burning a waste dissimilar to the plastic waste you described. For your further information I am enclosing letters we have written regarding the acceptable performance of other incinerators whose design satisfies at least the first three parameters mentioned above. These are:

Waste Combustion Corporation  
Post Office Box 6295  
Richmond, Virginia 23230

Despatch Oven Company  
619 S. E. Eighth Street  
Minneapolis, Minnesota 55414

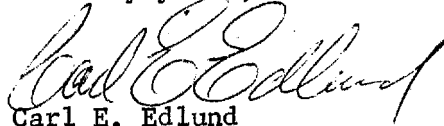
Comtro Incorporated  
North Wales, Pennsylvania 19454

Air Preheater Company  
Wellsville, New York

Due to the nature of the wastes which you described we feel that the surest method of selecting an incinerator which would comply with the particulate limits in 40 CFR 76.8 would be to require a particulate emission test while burning a waste of the same composition as that which is the disposed. Copies of the testing specifications and of the applicable Federal Regulations are enclosed for your information. The test would serve to indicate the burning rate the unit is capable of and whether control system, such as a wet scrubber, would be necessary.

Please let us know if we can be of further assistance in this or other matters of air pollution control.

Sincerely yours,



Carl E. Edlund  
Staff Engineer, FSB  
Division of Compliance

Enclosures